

US 50/SR 131 & MILFORD PARKWAY/CHAMBER DRIVE IMPROVEMENTS

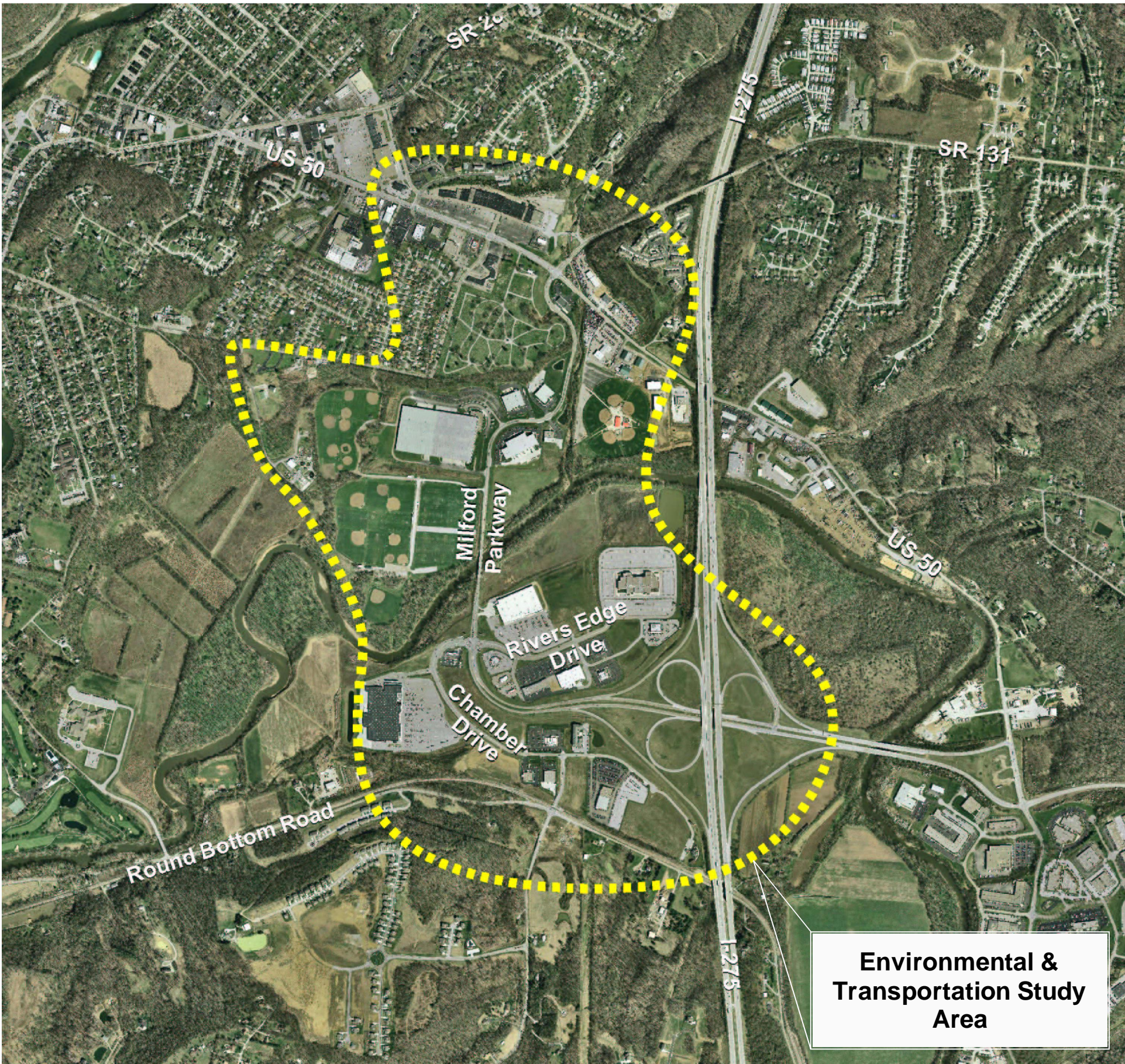
Clermont County Transportation Improvement District

Purpose and Need

Project Description

The Clermont County Transportation Improvement District, in cooperation with the City of Milford, the Clermont County Engineer's Office, Miami Township, and Union Township, and the Ohio Department of Transportation, is continuing with the study of the US 50/SR 131 and Milford Parkway/Chamber Drive intersections and the surrounding areas for possible economic, environmental, and transportation improvements.

Project Study Area



Project Goals

Initial goals for project include the following:

- Evaluate the economic conditions of the area, identify areas of potential growth, and assist in the determination of anticipated traffic volumes in the area.
- Identify environmental features and potential mitigation/green infrastructure opportunities.
- Improve the study area access, safety, and travel efficiency for both current traffic volumes and potential growth in the study area.
- Develop a transportation plan for future community, economic, and redevelopment opportunities.

Draft Planning Study

A Planning Study for the project, consisting of a market analysis study, environmental overview, and traffic analysis, is being completed by the project team, to determine the Planning Study Recommendations. The results of the studies are currently being compiled in a Draft Planning Study Report.

Market Analysis Study

A Market Analysis Study was prepared by Front Street Analytics. The study presents market characteristics and the economic conditions of the project study area and identifies areas of potential growth within the area. The findings of the Market Analysis Study were utilized to develop anticipated traffic volumes within the study area.

See the Market Analysis Study exhibits for additional information.

Environmental Overview

An Environmental Overview was completed by ENTRAN. It included a review of previously completed "secondary source" environmental studies, maps, and data. A field study was conducted to verify the secondary source information and identify any other important environmental resources in the study area.

See the Environmental Overview and Preliminary Mitigation Opportunities exhibits for additional information.

Traffic Analysis

Traffic analysis for the project was completed by Bayer Becker. The intersections of US 50/SR 131/Milford Parkway and Milford Parkway/Chamber Drive/Rivers Edge Drive were evaluated for 2010 existing conditions and 2030 future conditions.

Based on the traffic analysis, the following levels of service were determined:

US 50/SR 131/Milford Parkway

Levels of Services (Delay in seconds)			
2010		2030	
AM	PM	AM	PM
C (29.6)	D (44.3)	F(105.9)	F (158.9)

Milford Parkway/Chamber Drive/Rivers Edge Drive

Levels of Services (Delay in seconds)			
2010		2030	
AM	PM	AM	PM
C (27.5)	C (31.9)	F(120.1)	F (170.2)

The traffic analysis shows that the levels of service at the intersections of US 50/SR 131/Milford Parkway and Milford Parkway/Chamber Drive/Rivers Edge Drive will significantly decrease in 2030 (delay times increase).

Draft Planning Study Results

The results of the Draft Planning Study indicate that there are significant traffic, safety, and physical deficiencies within the project study area including the intersections of US 50/SR 131/Milford Parkway and Milford Parkway/Chamber Drive/Rivers Edge Drive.

Based on the findings of the study, the US 50/SR 131/Milford Parkway/Chamber Drive Improvements project is needed to efficiently serve existing and future traffic volumes, to reduce the number and severity of collisions, and to correct the substandard physical conditions that contribute to these problems.

The Planning Study Recommendations are needed to improve existing traffic conditions, as well as to support economic growth for future conditions, not just with traditional traffic improvement projects, but also utilizing multi-modal transportation options and connectivity. Improvements will also coordinate and incorporate, as needed, potential green infrastructure/mitigation opportunities.

The transportation and environmental improvements will ultimately support the desired economic growth/additional development within the US 50/SR 131/ Milford Parkway/Chamber Drive Improvements project study area.

See the Planning Study Recommendations exhibit and the US 50/SR 131/Milford Parkway Preliminary Concept Plan exhibit for additional information.

Project Schedule

Public Open House Meeting #1.....	Nov 18, 2009
Market Analysis Study, Environmental Overview, and Traffic Analysis.....	Feb 2010
Alternatives Analysis.....	Apr 2010
Public Open House Meeting #2.....	May 12, 2010
Preliminary Engineering and Environmental Clearance.....	Jun 2011

Select Link Analysis

A travel demand model and select link analysis (model from the Ohio Kentucky Indiana Regional Council of Governments) was used to determine the number of trips entering and exiting the study area. The model for the trips originating and terminating at Rivers Edge is depicted below. The numbers within the model below are the number of vehicles using that particular roadway daily.

